

C/SF

Form 9-330
(Rev. 5-63)

CONFIDENTIAL

COMMISSION

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT ~~INVESTIGATION~~
(See other instructions on reverse side)

88210 Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐

2. NAME OF OPERATOR
Southland Royalty Company

3. ADDRESS OF OPERATOR
21 Desta Drive, Midland, Texas 79705

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1069' FNL & 2439' FEL, Sec. 13, T-19-S, R-28-E

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

LC-069107

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

East Millman "13" Fed Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Turkey Track (Morrow)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 13, T-19-S, R-28-E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

15. DATE SPURRED 11-8-84 16. DATE T.D. REACHED 12-6-84 17. DATE COMPL. (Ready to prod.) 1-12-85 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3374.5' GR 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 11,300' 21. PLUG, BACK T.D., MD & TVD 10,958' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY XX 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11,120-11,180' (Morrow) 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CNL, CNL/FDC/GR/CAL/BH Volume, DLL/RXO/GR 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	350'	17 1/2"	100 sx Thickset & 350 sx	Cl "C"
8 5/8"	24#	2718'	12 1/4"	1450 Lite & 250 sx Cl "C"	Circ.
5 1/2"	17#	11,300'	7 7/8"	1000 sx Cl "H"	TOC @ 7650'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	11,009'	11,004'

31. PERFORATION RECORD (Interval, size and number)

11,120-34' (14 holes)
11,142-56' (14 holes)
11,174-80' (6 holes) Morrow

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	None

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1-12-85		Flowing				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-24-85	1	10/64"	→	2	179.9	0	90,000
ACCEPTED FOR RECORD							
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2400	-	→	2	4319	101	52	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold VENTED

TEST WITNESSED BY

Ed Jackson

35. LIST OF ATTACHMENTS

C-104, C-122, Temperature Survey, Inclination Survey, Logs. NEW MEXICO

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Danell Roberts

TITLE Operations Engineer

DATE 2/5/85

*(See Instructions and Spaces for Additional Data on Reverse Side)

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Canyon	9825'	9860'	DST #1 9825-9860'. Hydro in 4519. 15 min IF 168-218, Fair blow. 1 hr ISI 3299, 1 hr FF 268-256, Fair blow, 4 hr FSI 4318. Hydro out 4531. Drl pipe rec 300'. Slightly gas & oil cut drlg fluid. Sampler press 155#, 0.175 cu ft gas, 22 cc condensate, 740 cc drlg fluid. BHT 1560.